AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of tracking materials in a plant that produces liquid foods, ~~comprising~~ the method being executed by a computer having a database that stores data associated with production units in the plant, and comprises the steps of:

allocating, in the database, a unit identity to each production unit ~~units in the plant~~, the unit identity is registered and identifies the production unit as one of a source and a destination of material during production of the liquid food in the plant;

receiving, in the computer, a material quantity of each material in the production of the liquid food;

allocating, a first work identity to a material quantity ~~of the~~ of a respective material in the production of the liquid food;

registering the first work identity in the database;

registering, in the database, events in the plant with the first work identity of the material quantity of the material, wherein the event identifies a transport of at least a portion of the material quantity from a source production unit in the plant with reference to the unit identity allocated to the source production unit in the plant and/or to a destination production unit in the plant with reference to the unit identity allocated to the destination production unit in the plant; and

displaying data associated with at least one event of a specific point in time based on the unit identity of a production unit and the first work identity of the material quantity.

2. (Cancelled)

3. (Previously Presented) The method as claimed in claim 1, wherein the material quantity is determined by a certain material, by a certain volume of a material and/or a quantity of a material.

4. (Previously Presented) The method as claimed in claim 1, wherein the unit identity and first work identity include a number of figures, letters and/or a combination of figures and letters.

5. (Previously Presented) The method as claimed in claim 1, wherein the first work identity of a material quantity changes based on a registered event.

6. (Previously Presented) The method as claimed in claim 1, wherein the registered events and a material flow in the plant are illustrated in a user interface using a tree structure.

7. (Previously Presented) The method as claimed in claim 6, wherein a second work identity of a material quantity includes washing of at least one of the

production units, said second work identity of a material quantity having no source and no destination.

8. (Withdrawn) A computer readable medium that contains a program for executing a method for creating a database structure for tracking production of flowable liquid to be packaged into containers within a plant on a computer system, the method comprising:

establishing a production unit identity for each production unit to be monitored with respect to the flowable material, wherein each production unit can constitute a source and/or a destination of the flowable liquid;

establishing a material quantity work identity for each quantity of the flowable liquid, wherein a separate material quantity work identity is registered to a partial quantity of the flowable liquid; and

registering, in a table, the production unit which serves as a source and/or destination for at least a partial quantity of the flowable liquid to a material quantity work identity representing the partial quantity of the flowable liquid transported by the production unit.

9. (Cancelled)

10. (Withdrawn) The computer readable medium according to claim 8, wherein the material quantity work identity represents an identified quantity of a certain flowable liquid.

11. (Withdrawn) The computer readable medium according to claim 8, wherein the production unit is at least one of a liquid transport line and a holding tank used for batch processing prior to filling product containers.

12. (Withdrawn) The computer readable medium according to claim 8, wherein at least one material quantity work identity in the database structure represents a first liquid for human consumption, and at least one additional material quantity work identity in the database structure represents a second liquid used to wash a production unit involved in transport of the first liquid.